Type	Sector	Target Fleet	Class	Vocation	Number of Vehicles/Engines	Tier	Model Year	Retrofit Year	Horsepower	Displacement (liters per cylinder)	Fuel Type	Fuel Volume	Calculated Fuel Volume	Vehicle Miles Traveled/Year (VMT)
Nonroad	Agriculture	Agricultural Tractor			210	Tier 1	1997	2021	143		ULSD (diesel)	1855	1855	

Emission Results

Here are the combined results for all groups and upgrades entered for your project.[1]

Annual Results (short tons)[2]	NO_x	PM2.5	HC	CO	CO_2	Fuel[3]
Baseline for Upgraded Vehicles/Engines	95.602	11.461	6.512	28.063	4,382.40	389,550
Amount Reduced After Upgrades	91.013	11.312	4.311	26.604	0	0
Percent Reduced After Upgrades	95.20%	98.70%	66.20%	94.80%	0.00%	0.00%

133.24

Lifetime Results (short tons)[2]						
Baseline for Upgraded Vehicles/Engines	956.021	114.606	65.121	280.632	43,824.40	3,895,500
Amount Reduced After Upgrades	910.132	113.12	43.11	266.039	0	0
Percent Reduced After Upgrades	95.20%	98.70%	66.20%	94.80%	0.00%	0.00%

Lifetime Cost Effectiveness ($/short ton reduced)						
Capital Cost Effectiveness[4] (unit & labor costs only)	$32,962	$265,214	$695,888	$112,765	$0	
Total Cost Effectiveness[4] (includes all project costs)	$33,512	$269,634	$707,487	$114,645	$0	

Health Benefits Results			
County and State	Annual Diesel PM2.5	Annual Benefits	Annualized Unit & Labor Costs
Merced, California	2.262	$820,000	-
Fresno, California	2.262	$940,000	-
Stanislaus, California	2.262	$1,700,000	-
Tulare, California	2.262	$780,000	-
Tulare, California	2.262	$780,000	-
Total	11.312	$5,000,000	$3,500,000

[1] Emissions from the electrical grid are not included in the results.

[2] 1 short ton = 2000 lbs.

[3] In gallons; fuels other than ULSD have been converted to ULSD-equivalent gallons.

[4] Cost effectiveness estimates include only the costs which you have entered.

Annual Usage Hours	Idling Hours/Year	Hoteling Hours/Year	Remaining Life	Technology Description	New Tier	New Model Year	New Horsepower	New Displacement (liters per cylinder)	Diesel Fuel Reduced (gallons)	Reduced Idling (hours)	Reduced Hoteling (hours)
858			10	Vehicle Replacement - ULSD (diesel)	Tier 4	2021	143		0		

Installation Cost	Unit Cost	Annual Baseline of Vehicles (NOx, short tons)	Lifetime Baseline of Vehicles (NOx, short tons)	Percent Reduced (NOx, %)	Baseline of Vehicles Retrofitted per year (NOx, short tons/year)	Amount Reduced per Year(NOx, short tons)	Lifetime Baseline of Vehicles Retrofitted (NOx, short tons)
$0	$142,857	95.60210763	956.0210763	95.20%	95.6021	91.0132	956.0211

Lifetime Amount Reduced (NOx, short tons)	Lifetime Amount Emitted After Retrofit, Retrofitted Vehicles (NOx, short tons)	Capital Cost Effectiveness ($/short ton), Retrofitted Vehicles (NOx)	Annual Baseline of Vehicles (PM2.5, short tons)	Lifetime Baseline of Vehicles (PM2.5, short tons)	Percent Reduced (PM2.5, %)	Baseline of Vehicles Retrofitted per year (PM2.5, short tons/year)
910.1321	45.889	32,962.22	11.46061501	114.6061501	98.70%	11.4606

Amount Reduced per Year(PM2.5, short tons)	Lifetime Baseline of Vehicles Retrofitted (PM2.5, short tons)	Lifetime Amount Reduced (PM2.5, short tons)	Lifetime Amount Emitted After Retrofit, Retrofitted Vehicles (PM2.5, short tons)	Capital Cost Effectiveness ($/short ton), Retrofitted Vehicles (PM2.5)	Annual Baseline of Vehicles (HC, short tons)	Lifetime Baseline of Vehicles (HC, short tons)
11.3116	114.6062	113.1163	1.4899	265,213.57	6.512132714	65.12132714

Percent Reduced (HC, %)	Baseline of Vehicles Retrofitted per year (HC, short tons/year)	Amount Reduced per Year(HC, short tons)	Lifetime Baseline of Vehicles Retrofitted (HC, short tons)	Lifetime Amount Reduced (HC, short tons)	Lifetime Amount Emitted After Retrofit, Retrofitted Vehicles (HC, short tons)	Capital Cost Effectiveness ($/short ton), Retrofitted Vehicles (HC)
66.20%	6.5121	4.311	65.1213	43.1103	22.011	695,888.39

Annual Baseline of Vehicles (CO, short tons)	Lifetime Baseline of Vehicles (CO, short tons)	Percent Reduced (CO, %)	Baseline of Vehicles Retrofitted per year (CO, short tons/year)	Amount Reduced per Year(CO, short tons)	Lifetime Baseline of Vehicles Retrofitted (CO, short tons)	Lifetime Amount Reduced (CO, short tons)
28.06319718	280.6319718	94.80%	28.0632	26.6039	280.632	266.0391

Lifetime Amount Emitted After Retrofit, Retrofitted Vehicles (CO, short tons)	Capital Cost Effectiveness ($/short ton), Retrofitted Vehicles (CO)	Annual Baseline of Vehicles (CO2, short tons)	Lifetime Baseline of Vehicles (CO2, short tons)	Percent Reduced (CO2, %)	Baseline of Vehicles Retrofitted per year (CO2, short tons/year)	Amount Reduced per Year(CO2, short tons)
14.5929	112,765.26	4382.4375	43824.375	0.00%	4,382.44	0

Lifetime Baseline of Vehicles Retrofitted (CO_2, short tons)	Lifetime Amount Reduced (CO_2, short tons)	Lifetime Amount Emitted After Retrofit, Retrofitted Vehicles (CO_2, short tons)	Capital Cost Effectiveness ($/short ton), Retrofitted Vehicles (CO_2)	Annual Baseline of Vehicles (Fuel, gallons/year)	Lifetime Baseline of Vehicles (Fuel, gallons/year)	Percent Reduced (Fuel, %)
43,824.38	0	43,824.38	0	389550	3895500	0.00%

Baseline of Vehicles Retrofitted per year (Fuel, gallons/year)	Amount Reduced per Year (Fuel, gallons)	Lifetime Baseline of Vehicles Retrofitted (Fuel, gallons/year)	Lifetime Amount Reduced (Fuel, gallons)	Lifetime Amount After Retrofit, Retrofitted Vehicles (Fuel, gallons)
389,550.00	0	3,895,500.00	0	3,895,500.00